| 1 | Inde | x of | Claims | ; |
|---|------|------|--------|---|
|   |      |      |        |   |

Application/Control No.

10/669,894

Examiner

Uyen-Chau N. Le

Applicant(s)/Patent under Reexamination

SOULE ET AL.

Art Unit

2876

| 1 | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | im       | Date      |                 |          |           | Claim Date   |                      |               |               |          |         | ] [  | Cla      | aim      | Date            |          |          |          |              |              |             |                                     |                 |          |          |          |               |          |          |          |
|----------|----------|-----------|-----------------|----------|-----------|--------------|----------------------|---------------|---------------|----------|---------|--|----------|----------|-----------------|----------|----------|----------|--------------|--------------|-------------|-------------------------------------|-----------------|----------|----------|----------|---------------|----------|----------|----------|
| _        | a        | 9         |                 |          |           |              |                      |               | $\  \ \ _{-}$ | <u></u>  | 1.      | اء   |          |          |                 |          |          |          |              |              | <del></del> |                                     |                 |          |          |          |               |          |          |          |
| Final    | Original | 11/9/06   |                 |          |           |              |                      |               | Final         | Original | ١       | 90/6/11  |          |          |                 |          |          |          |              | Final        | Original    |                                     |                 |          |          |          |               |          |          |          |
| Œ        | Ö        | 11        |                 |          |           |              |                      |               | ፲             | 18       | 1       | -  |          |          |                 |          | -        |          |              | 诓            | Ö           |                                     |                 |          |          |          |               |          |          |          |
|          |          |           | $\vdash$        | _        | +-        | -            | $\sqcup$             |               |               |          | ┸       |  | 1        | -        | Ш               | $\perp$  | 4        |          | 1 1          |              |             | _                                   | Ш               |          |          |          |               | Щ        |          |          |
|          | 1        | Ť         | - -             | +        | +         | ⊬            | $\vdash$             |               |               | 51       |         | <u> </u>   | ╀        | ╀        | $\vdash \dashv$ | 4        |          | -        | 1 1          |              | 101         | <u> </u>                            | Ш               |          | _        |          | <u> </u>      | $\Box$   |          | <u>_</u> |
|          | 3        | +         | $\vdash$        | +-       | +         | ╄            | -                    |               | l             | 52       |         | ٧.   | ╁        | ╀        | Н               | -        | 4        | +        | 1 1          |              | 102         | <u> </u>                            | Ш               | _        | _        | $\vdash$ | L             | $\dashv$ |          |          |
|          | 4        | ╁         | -               | ┿        | +-        | +            | $\vdash$             |               | <b> ├</b>     | 53<br>54 |         | √<br>√   | ╁        | ╁        | $\vdash$        | +        | +        | +        | ┨            |              | 103<br>104  | H                                   | Н               |          |          | _        | $\vdash$      | $\dashv$ |          |          |
|          | 5        | ╅         | -               | +        | +         | ╁╌           | $\vdash$             | +             |               | 55       |         | ·  | ╁╌       | ╁        | $\vdash$        | +        |          |          | ┨            |              | 104         |                                     | Н               | _        |          |          |               | $\vdash$ |          | _        |
|          | 6        | $\dagger$ | $\vdash$        | +        | +         | ╁┈           | $\vdash$             | _             | ▎┝┈           | 56       |         | ╁┼╴  | +        | ╁        | $\vdash$        | +        | ╁        | +        | ┨╏           |              | 106         | ┢                                   | Н               | -        | -        | -        | -             | $\vdash$ | -        |          |
|          | 7        | +         |                 | $\top$   | +-        | T            | $\Box$               |               |               | 57       |         | ╁  | ╁        | $t^-$    | 1 1             | +        | +        | +        | 1 1          |              | 107         | $\vdash$                            | Н               |          | _        |          | $\vdash$      |          |          |          |
|          | 8        |           |                 |          | 1         |              |                      |               |               | 58       |         | $H^-$  | _        | T        | $\Box$          | _        | ┪        | _        | 1 1          |              | 108         | $\vdash$                            | Н               |          |          | -        |               | $\vdash$ |          | _        |
|          | 9        | 1         |                 |          | T         |              |                      |               |               | 59       |         | $\sqcap$   | Ť        | T        | П               | T        | 7        | $\top$   | 1 1          |              | 109         |                                     |                 |          |          |          |               |          |          |          |
|          | 10       | T         |                 |          |           |              |                      |               |               | 60       |         | $\Pi$  | T        | T        |                 |          |          |          | 1 1          | _            | 110         |                                     | П               |          |          |          |               |          |          |          |
|          | 11       | I         |                 |          |           |              |                      |               |               | 61       |         | $\prod$  |          |          |                 |          |          |          | ]            |              | 111         |                                     |                 |          |          |          |               | $\Box$   |          |          |
|          | 12       | -         |                 | <u> </u> |           | $\Box$       |                      |               |               | 62       |         | Ш  | $\Box$   |          |                 |          |          |          | ] [          |              | 112         |                                     |                 |          |          |          |               |          |          | _        |
|          | 13       | ¥         | $\vdash$        | $\perp$  | _         | $\perp$      | Ш                    | <u> </u>      |               | 63       |         | Щ_   |          |          | П               | $\perp$  | $\perp$  |          | ] [          |              | 113         |                                     |                 |          |          |          |               |          |          | _        |
| <u> </u> | 14       | 4         | $\vdash$        | _        | _         | $\perp$      | Щ                    | $\perp$       | <u> </u>      | 64       |         | Щ  | $\perp$  | 1_       |                 | _        | 1        | $\perp$  | ↓ ↓          |              | 114         | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш               |          |          |          |               |          |          | _        |
|          | 15       | 4         | $\vdash$        | +        | -         | -            | $\sqcup$             | - -           | <b> </b>      | 65       |         | $\vdash$   | $\bot$   | 1        | $\sqcup$        | _        | $\bot$   |          |              |              | 115         | <u> </u>                            | Ш               |          |          |          | Ш             | Ш        |          |          |
|          | 16       | +         | $\vdash \vdash$ | - -      | +         | $\vdash$     | $\vdash$             |               |               | 66       | +       | H  | $\vdash$ |          | $\vdash$        | $\dashv$ | $\dashv$ |          |              |              | 116         | <u> </u>                            | Ш               |          |          | Щ        | <u> </u>      | $\sqcup$ |          |          |
| <u> </u> | 17<br>18 | ⇟         | $\vdash$        | +-       | ╀         | $\vdash$     | $\vdash \vdash$      |               |               | 67       | +       | 4  | +        |          | $\vdash$        | +        | +        |          | {            |              | 117         | ļ                                   | $\vdash$        | _        |          |          | _             | $\sqcup$ |          |          |
|          | 19       | V         |                 |          | ┿         | ╁            | $\vdash$             |               | <b>├</b> ─    | 68<br>69 |         | -  | +        | ┢        | $\vdash$        |          | +        | +        | {            |              | 118         | -                                   | $\vdash$        |          |          |          |               |          | _        |          |
|          | 20       | Ť         | $\dashv$        | +        | ╁         | $\vdash$     | $\vdash$             |               | l ⊢−          | 70       |         | <b>/</b>  -                                      | +        | ╫        | $\vdash$        | +        | ┿        |          | {            |              | 119<br>120  |                                     | $\vdash$        | -        |          |          | _             |          |          |          |
| -        | 21       | +         |                 | +        | ╁         | ╁            | ╁                    |               | <del> </del>  | 71       | +       | $\vdash$   | ╁        | ╁        | $\vdash$        | +        | +        | +-       | ┨            |              | 121         | _                                   | Н               |          |          |          | _             | -        |          |          |
|          | 22       | +         | $\dashv$        | +        | ╁         |              | $\vdash$             | +             |               | 72       | +       | $\vdash$   | ╁        | ╁        | H               | ╬        | +        | - -      | <del> </del> |              | 122         | ┝                                   | Н               |          |          |          |               | $\dashv$ |          |          |
|          | 23       | t         |                 | +        | 十         | Н            |                      | $\dashv$      |               | 73       |         | ╫  | +-       | +-       |                 | +        | ╁        | $\vdash$ | 1 1          |              | 123         |                                     | H               | _        |          |          | _             | $\dashv$ |          |          |
|          | 24       | 1         | $\vdash$        | +        | 十         | $\vdash$     | H                    |               |               | 74       |         | H  | ╈        |          | H               | +        | +        |          | 1            |              | 124         |                                     | H               |          |          | _        | _             | $\dashv$ |          |          |
|          | 25       | 1         |                 | 1        | $\dagger$ |              | H                    | $\neg \vdash$ |               | 75       |         | $H^-$  | +        | T        | H               | $\dashv$ | +        | +        | 1 1          |              | 125         |                                     |                 |          |          |          | -             | $\vdash$ |          | _        |
|          | 26       | T         |                 |          | T         |              |                      |               |               | 76       |         | Н  | T        |          | Ħ               |          | $\top$   | _        | 1 1          |              | 126         | _                                   |                 | $\equiv$ |          |          |               |          |          |          |
|          | 27       |           |                 |          |           |              |                      |               |               | 77       | 1       | П  | $\top$   |          |                 | $\top$   |          |          | 1 1          |              | 127         | $\vdash$                            | П               |          |          |          | $\overline{}$ |          |          |          |
|          | 28       | Ι         |                 |          | L         |              |                      |               |               | 78       |         |  |          |          |                 |          |          |          | 1            |              | 128         |                                     |                 |          |          |          |               |          |          |          |
|          | 29       | L         |                 |          |           | $oxed{oxed}$ |                      |               |               | 79       |         |  |          |          |                 |          |          |          | ] [          |              | 129         |                                     |                 |          |          |          |               |          |          |          |
|          | 30       | ┵         |                 | _        | _         | Ш            | Ш                    |               |               | 80       | $\perp$ |  |          |          |                 |          |          |          | ] [          |              | 130         |                                     |                 |          |          |          |               |          |          |          |
|          | 31       | 1         |                 |          | 4_        | $\sqcup$     | $\sqcup$             | _             | <u> </u>      | 81       | 1       | Ш  | 1        | <u> </u> | $\square$       | $\perp$  |          |          | [            |              | 131         |                                     | Ш               |          |          |          |               |          |          |          |
|          | 32       | +         |                 | +-       | +         | $\vdash$     | $\vdash \vdash$      | _ _           | <b> </b> _    | 82       | 4       | 1  | <b> </b> | ┞-       | $\sqcup$        | $\perp$  | 4        |          |              |              | 132         | <u> </u>                            | Ш               |          |          |          | Ш             | $\Box$   |          | _        |
|          | 33<br>34 | ╀         |                 | +-       | +         | $\vdash$     | $\vdash \vdash$      | _             | <b> </b>      | 83       | +       | $\vdash$   | ┼        | ├-       | $\vdash$        | +        | +        | +        |              |              | 133         | _                                   | $\sqcup$        | _        |          |          | Ш             |          | _        |          |
|          | 35       | +         |                 | +-       | ╁         | $\vdash$     | ${oldsymbol{arphi}}$ | +             | -             | 84<br>85 |         | ╂┼╴  | +        | $\vdash$ | $\vdash \vdash$ |          | +        |          |              |              | 134         | <u> </u>                            | $\vdash \vdash$ | -        |          | _        | Ш             | $\dashv$ | _        |          |
|          | 36       | +         |                 | +-       | +-        | $\vdash$     | ${oldsymbol{dash}}$  |               | <del> </del>  | 86       |         | H  | +        | ₩        | $\vdash \vdash$ | +        | +        | +-       |              |              | 135<br>136  | -                                   | $\vdash \vdash$ | $\dashv$ | Н        |          |               | $\vdash$ | -        |          |
|          | 37       | +         | +               | +-       | +         | H            | $\forall$            | +             | -             | 87       | ╁       | <del>                                     </del> | +        | $\vdash$ | ┝╌┼             | +        | +        |          |              |              | 137         | $\vdash$                            | H               | $\dashv$ | $\dashv$ |          | $\vdash$      |          | _        |          |
|          | 38       | +         | -               | +        | +-        | H            | $\vdash \vdash$      | $\vdash$      |               | 88       | +       | <del>  -</del>                                   | +-       | $\vdash$ | $\vdash \vdash$ | +        | +        | +        |              |              | 138         | <del> </del>                        | $\vdash$        | $\dashv$ | $\vdash$ | -        | $\vdash$      | $\dashv$ | $\dashv$ | _        |
|          | 39       | +         | $\vdash$        | $\top$   | 1-        | $\vdash$     | $\vdash$             | +             |               | 89       |         | +-   | +        | t        | $\vdash$        |          | +        | 1        |              |              | 139         | <del> </del>                        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$      |          | -        | _        |
|          | 40       | T         |                 | $\top$   | 1         | Н            | $\vdash$             |               |               | 90       |         | +  | T        |          | $\vdash$        | $\dashv$ | +        | $\dashv$ |              |              | 140         | $\vdash$                            | $\vdash$        | -        |          |          |               | $\dashv$ | -        | _        |
|          | 41       | 1         |                 | $\top$   | T         | П            | $\sqcap$             |               |               | 91       |         | $\top$   | 1        |          | $\vdash$        | +        | +        | $\top$   |              | $\dashv$     | 141         |                                     | $\vdash$        | $\dashv$ | Н        | -        | $\exists$     | $\vdash$ | -        | _        |
|          | 42       | Ι         |                 | 1        | 1         | П            | $\Box$               |               |               | 92       |         | $\top$   | 1        | $\Box$   | $\Box$          | _        | $\top$   |          | 1            |              | 142         |                                     | П               | $\dashv$ |          |          |               | $\neg$   | T        | _        |
|          | 43       | Γ         |                 |          |           |              |                      |               |               | 93       | T       | $\top$   | T        |          |                 |          | 1        | 丁        | i t          | $\neg$       | 143         |                                     | П               |          | П        | $\Box$   |               | _        |          |          |
|          | 44       | П         |                 |          |           |              |                      |               |               | 94       | T       |  |          |          |                 |          |          |          |              |              | 144         |                                     |                 |          |          |          |               |          |          |          |
|          | 45       | П         |                 | L        |           |              |                      |               |               | 95       | I       | $\perp$  |          |          |                 |          | Ι        | $\perp$  |              |              | 145         |                                     |                 |          |          |          |               |          |          |          |
|          | 46       | -         |                 | 1        | <u> </u>  | Ш            |                      |               |               | 96       | Ţ       |  | 厂        |          |                 | $\perp$  | $\perp$  |          |              |              | 146         |                                     |                 |          |          |          |               |          |          |          |
|          | 47       | <         |                 | +        | ↓_        | Ш            | $\sqcup$             |               |               | 97       |         | $\bot$   | _        |          | $\sqcup$        |          | _        |          |              |              | 147         |                                     | Ш               |          |          |          |               |          |          |          |
|          | 48       | √,        |                 | +        | ╄         | $\sqcup$     | $\sqcup$             |               | <u> </u>      | 98       |         | <u> </u>   | <u> </u> |          | $\sqcup$        | $\perp$  | $\perp$  |          |              |              | 148         | Ľ                                   | Ш               | ]        |          |          |               | $\Box$   |          |          |
|          | 49       | Ý         |                 | 4        | ╀         | $\vdash$     | $\vdash \vdash$      | _             | _             | 99       | 1       | $\perp$  | _        |          | $\sqcup$        | $\perp$  | 4-       | $\bot$   |              | $-\!\!\perp$ | 149         |                                     | $\sqcup$        |          | $\dashv$ |          | $\Box$        | _        | _        |          |
|          | 50       | V         |                 |          | <u> </u>  | Ш            |                      |               |               | 100      | Ц_      |  | <u> </u> |          | Ш               |          |          |          | J            |              | 150         |                                     | Ш               |          |          |          |               |          | _        |          |